



**Village of Elburn  
Building & Zoning**

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**General Requirements for Underground Wiring to Detached Structures:**

**Inspections Required:**

1. Trench depth to verify minimum burial depths
2. Final

Cables or conductors rated for direct burial shall be buried a minimum of twenty-four inches (24"). Direct buried cables or conductors emerging from the ground shall be protected by enclosures or raceways extending from the minimum cover requirement below grade. The trench backfill material shall not contain large rocks, paving materials, cinders, large or sharply angular substances or corrosive material so as not to damage the cables or conductors.

Conduits or raceways through which moisture may contact energized live parts shall be sealed or plugged at either or both ends.

All other buried raceways shall be installed to meet the minimum cover requirements in the following table:

**MINIMUM BURIAL DEPTHS**

<b>WIRING METHOD</b>	<b>MINIMUM BURIAL DEPTH (Inches)</b>
Rigid metal conduit	6
Intermediate metal conduit	6
Nonmetallic raceways listed for direct burial without concrete encasement	18
Other approved raceways <sup>a</sup>	18

For SI: 1 inch = 25.4 mm.

a. Raceways approved for burial only where concrete-encased shall require a concrete envelope not less than 2 inches in thickness.